

Working with the server

- Architecture
 - Server core (WCS Core)
 - Main commands
- Core settings
 - Settings file flashphoner.properties
 - Settings file loadbalancing.xml
 - Settings file log4j.properties
 - Settings file watchdog.properties
 - Settings file watchdog.log4j.properties
 - Settings file rtsp.auth
 - Key store wss.jks
 - File flashphoner.serverid
 - Certificate myflashphoner-ca
 - WCS.version
 - Settings file wcs-core.properties
 - SDP settings files
 - Settings file database.yml
- SSL certificates management
 - Websocket SSL
 - HTTPS
 - Receiving and importing Let's Encrypt SSL certificate
- Logging
 - WCS Core logs
- Monitoring
 - Using SSH tunnel
 - Connecting from JConsole
 - Connecting from Visual VM
 - Connecting from Java Mission Control
 - WCS integration to Prometheus
 - WCS to Zabbix integration
 - Load and resource usage information
 - Information about errors and configuration parameters
 - Stream parameters monitoring with REST API
 - Server health check
 - Centralized stream statistics and CDN events collection to MySQL DB
 - Centralized server data logging to ClickHouse DB
- Command line interface
 - Using and accessing command line
 - Access restriction from certain interfaces
 - Complete list of CLI commands
 - Public key authorization
 - Users management
 - Applications management
 - Server settings management
- CLI v 2
 - Using and accessing CLI v 2
 - Access restriction to CLI v2 from certain interfaces
 - Complete list of CLI v 2 commands
 - Streams management
 - Connections management
 - CDN node management
- Network traffic analysis
 - Websocket
 - REST / HTTP
 - SIP
 - WebRTC
 - RTMFP
 - RTP
 - RTSP / RTP
 - RTMP
 - HLS
- Server domain name support as external address
- HTTP interfaces access restriction
- Websocket connections restriction by domain
- Websocket client URI configuration
- Media ports management
- Server ports configuration to accept client connections
- Diagnostics and troubleshooting
 - Preparing an error report
 - Possible problems and how to solve them
 - Accessory tools
 - How to get license number
 - CPU load investigation
 - Stack trace logging
- Server tuning recommendations
- Memory management in Java
- Server performance testing
- Before moving to production